

# Application of Micro Course in Piano Teaching in Colleges and Universities

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**Abstract:** With the continuous development of information technology, micro curriculum is favored by teachers because it can be well applied to subject teaching because of its short, condensed and refined characteristics. In music education, the use frequency of micro courses is also gradually increasing. Students can make full use of micro courses to make full use of their scattered time and study independently. As an important part of music teaching in colleges and universities, using micro curriculum for piano teaching is helpful for students to master basic knowledge and effectively improve teachers' teaching quality. This paper expounds the application advantages of micro curriculum in piano teaching in colleges and universities, and discusses and reflects on the application of micro curriculum in piano teaching in colleges and universities.

**Keywords:** Micro Curriculum; Piano Courses in Colleges and Universities; Application Cases

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## 1. Introduction

With the popularization of the Internet, we have gradually entered the information age. With the development and application of multimedia technology, the application of micro courses in piano teaching in colleges and universities is becoming more and more frequent. The teaching in many colleges and universities has gradually tended to be information-based and networked, which plays an important role in the development of piano teaching in colleges and universities. It improves the teaching quality, increases the teaching highlights and enhances the teaching fun. As a technical product in the information age, its outstanding teaching advantages have made a great contribution to the vigorous development of music education in colleges and universities, and it provides new methods and ways.

## 2. The meaning of micro class

As a new concept, micro class refers to a new teaching method. It is an innovative teaching product in the information age. It effectively combines Internet elements in classroom teaching and teaches students relevant knowledge online through audio and video teaching. It allows students to make full use of fragmented time for learning, not only through the limitations of time and space and region, but also freely control and expand their knowledge, effectively increase the quality of teaching and improve the effectiveness of learners' learning. The application of micro curriculum in piano teaching in colleges and universities is to make use of its unique characteristics of short refinement, flexible teaching and timely feedback. In teaching design, the design of micro curriculum often only aims at a certain knowledge content and avoids generality.

## 3. Application advantages of micro curriculum in piano teaching in colleges and universities

First, due to the continuous development of information technology, every person can be equipped with a mobile device, and one of the major characteristics of micro courses is its video transmission mode without geographical restrictions. The knowledge content is widely spread through audio and image through micro video. Its prominent theme and simple resource acquisition method enable students to easily use their leisure time for learning, which effectively increases the utilization of

learning time. Second, when students choose micro courses, because each micro video production process is concentrated teaching for a single content, students can selectively choose the content they want to learn, and can focus on the areas where their knowledge is weak, which helps students understand and digest knowledge points in a short time, make up for their own shortcomings, and have stronger learning flexibility. Third, for teachers, teaching curriculum knowledge by means of micro class can help teachers use fragmented time for editing and production. Compared with traditional teaching methods, the production of micro class has no space and time constraints. Teachers can arrange their own time more flexibly and reduce their work pressure. Fourth, the traditional teaching evaluation is always limited by time, location, object, etc. through the micro curriculum, teachers can simply set up after editing the curriculum, and students can evaluate the teachers' teaching content in time after reading the curriculum. Compared with the traditional teaching evaluation, the use of micro curriculum teaching is more timely in time, can deepen students' impression of the curriculum, and the feedback to teachers can be more scientific and intuitive. Finally, because of the progress of the times, the arrival of the information age has broken the traditional teaching mode. More and more students can know the world without leaving home through the Internet. Through the video teaching of micro courses, the traditional face-to-face teaching appears passive and mandatory. Students can choose the courses they want to take independently. The learning range is wider, the learning choice is more free, and the learning effect can be effectively enhanced.

#### **4. Feasibility analysis on the application of micro course in piano teaching in colleges and universities**

The application of this new convenient teaching method in piano courses in colleges and universities can provide a new teaching direction for piano teaching. Teachers can rearrange and reasonably divide the knowledge points of different piano courses in combination with the characteristics of piano teaching, fully meet the teaching requirements issued by the Ministry of Education, and help students master relevant piano knowledge efficiently and conveniently. Secondly, according to the uneven teaching progress, teachers can constantly adjust the teaching plan according to the actual situation, so as to avoid a lot of unnecessary repetitive work and effectively improve the teaching efficiency. Then, because the production of micro video teaching is very simple, a mobile phone, tablet or camera can be realized as long as it can clearly capture the teaching process of teachers. If it is not taken well, it can also be optimized through later video reprocessing. Before that, it can be recorded by simply recording and broadcasting training teachers. Finally, the micro curriculum can store and spread the piano courses in Colleges and universities well, and can cross the regional restrictions and achieve the best content teaching with the least human and material resources. Through the effective use of various network tools, we can maximize the value and role of micro curriculum, and effectively improve teachers' teaching quality and students' learning efficiency.

#### **5. Application strategy of micro curriculum in piano teaching in colleges and universities**

##### **5.1 Preview stage**

There are two aspects of learning piano. First, we should learn the relevant theoretical knowledge of music. Second, we should apply the theoretical knowledge to the practice of piano playing practice. Piano teaching is mainly through collective teaching or group teaching, and teachers can not carry out targeted one-to-one teaching for each student. Therefore, the teaching method of micro course effectively makes up for this defect. In the early stage of teaching, teachers can record relevant piano teaching videos for students to preview before class, so that students can know what to learn before class. Teachers should list the syllabus clearly so that students can clarify the relationship between them. Through the micro course, students can learn independently in advance, record the knowledge points they don't understand in the video in advance and give timely feedback through the platform. This will not only help teachers clarify the key teaching direction and facilitate them to adjust the teaching plan in time, but also make their learning ideas clearer and solve the content they don't understand in time. Students' learning efficiency is effectively improved.

## 5.2 Classroom teaching stage

In the process of teaching piano courses in colleges and universities, the content of professional skill demonstration will be involved. In the traditional teaching process, in the face of a student group, teachers can't teach each student playing skills by hand. Even if the demonstration is carried out, teachers can't deeply observe each student's playing skills, but the application of micro courses can improve this phenomenon. Teachers can close-up the teaching video of performance skills. After publishing the video of micro course, students can see the teacher's performance teaching process one-on-one through the video, so as to deepen their understanding of theoretical knowledge. During classroom teaching, teachers can also play the key micro videos of piano teaching to students to deepen students' understanding of the key contents of teaching. Students can also check these key and difficult videos repeatedly in order to deepen their impression. In addition, even if some piano teachers have rich theoretical knowledge, due to lack of teaching experience, they can not fully take into account the learning situation of all students in the course of class, which will affect the teaching quality of piano course teaching in colleges and universities. However, for the above problems, micro courses can be well solved and play an important role in promoting piano course teaching in colleges and universities.

## 5.3 After class review stage

Traditional teaching methods cannot further consolidate students' knowledge after class. Most students review the content taught by teachers in class through their own classroom notes, but students' understanding of the theoretical knowledge and playing skills in class is still one-sided, and some even have no time to fully record the content taught by teachers. The content before and after learning can not be effectively connected, and the learning efficiency is greatly reduced. In order to master and really use the knowledge learned, students must carry out independent learning and repeated practice after class. At this time, the emergence of micro courses plays a great role. Students can repeatedly watch, check and fill gaps for the knowledge and skills they don't understand in class, so as to deepen their understanding of classroom knowledge. Secondly, under the traditional teaching mode, teachers can no longer supervise and urge students after class, and many students are easy to forget what they have learned, and finally nothing can be achieved. However, the use of micro courses in piano courses in colleges and universities can effectively avoid this problem. Teachers can assign some after-school tasks to students in the form of micro courses to help students consolidate their knowledge after class. For example, teachers can publish after-school tasks on the teaching platform, require students to play a specified track, upload the playing video to the micro curriculum platform, and the teachers will score and evaluate its playing content, which not only deepens students' learning interest, but also effectively increases students' learning efficiency.

## 6. Conclusion

In a word, the application of micro course teaching in piano course teaching in colleges and universities enriches the connotation of piano teaching and helps to improve students' autonomous learning ability. The teaching quality of piano course teaching and students' learning efficiency can also be effectively improved. Even in the process of continuous development of teaching, the application of micro course is not mature, but with the continuous development of teaching, future teaching needs to keep pace with the times, and adapt to the new teaching form, in order to promote it to play a better teaching role, and help improve the teaching quality of piano courses in colleges and universities.

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